

Weekly Report
Issued Friday August 14, 2015

(Presenting Progress from Preceding Week and Plans Forward)

Refugio Incident

This weekly report addresses elements listed in the *Order for Removal, Mitigation or Prevention of a Substantial Threat of Oil Discharge*. The elements include descriptions of 1) anticipated problems and planned resolutions, 2) significant developments, 3) work performed, 4) treatment and disposal information, 5) analytical data received (if applicable), and 6) schedule of work. The following attachments contain detailed information pertaining to each listed element:

- **Summary of Anticipated Problems and Resolutions** (August 14 through August 20)
 - Anticipated problems and planned resolutions

- **Daily Progress Reports issued by Incident Situation Unit Leader** (August 7 through August 13)
 - Significant Developments
 - Work Performed
 - Disposal Information

- **Incident Action Plan** (Effective August 12, 2015 0600 – October 14, 2015 0600)
 - Schedule of Work to be Performed (Form 204)

Week of August 14 through August 20, 2015

Anticipated Problems	Planned Resolutions
<ul style="list-style-type: none">• Slips and trips may occur during equipment delivery down steep slopes.	<ul style="list-style-type: none">• Use helicopter to deliver equipment.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 7, 2015
Response Day 81

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management data

Waste Management (26 June – 07 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1185
Oiled Vegetation	0	885
Oiled Debris/PPE	0	1620
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Road closures ended on Hwy 101 Southbound today, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Two cleaned and rehabilitated California Sea Lions were released by boat off shore of San Diego this morning. A total of nine CA Sea Lions have been released so far: 3 on July 17th, 3 on July 24th, 1 on July 31st, and 2 today, August 7th. Please direct any questions or concerns to holly.gellerman@wildlife.ca.gov or (916) 324-6715.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
07 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- Change in status for any Incident facilities: NSTR

Personnel Involved

- 338 workers are engaged in Field Operations.
- 18 personnel are assigned to the ICP.
- 356 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 8, 2015
Response Day 82

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management data

Waste Management (26 June – 08 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	15	1200
Oiled Vegetation	15	900
Oiled Debris/PPE	30	1650
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
08 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- ☐ Change in status for any Incident facilities: NSTR

Personnel Involved

- 307 workers are engaged in Field Operations.
- 17 personnel are assigned to the ICP.
- 324 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 9, 2015
Response Day 83

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management Data

Waste Management (26 June – 09 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1650
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
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- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in place to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
09 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- ☐ Change in status for any Incident facilities: NSTR

Personnel Involved

- 307 workers are engaged in Field Operations.
- 17 personnel are assigned to the ICP.
- 324 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 10, 2015
Response Day 84

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management (26 June – 10 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1650
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
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- Major equipment failures that impact operations: NSTR
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- ☐ Temporary Flight Restriction: In place until August 31, 2015.
- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
10 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- ☐ Change in status for any Incident facilities: NSTR

Personnel Involved

- 319 workers are engaged in Field Operations.
- 17 personnel are assigned to the ICP.
- 336 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 11, 2015
Response Day 85

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management Data

Waste Management (26 June – 11 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1680
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
11 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- ☐ Change in status for any Incident facilities: NSTR

Personnel Involved

- 322 workers are engaged in Field Operations.
- 17 personnel are assigned to the ICP.
- 339 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 12, 2015
Response Day 86

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management Data

Waste Management (26 June – 12 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1680
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
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- Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
12 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
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Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- Change in status for any Incident facilities: NSTR

Personnel Involved

- 312 workers are engaged in Field Operations.
- 16 personnel are assigned to the ICP.
- 328 total personnel are assigned to the response.

Incident Command Post Santa Barbara
Refugio Oil Spill
Unified In All Missions
August 13, 2015
Response Day 87

Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
 - 12 Recordable Injuries to date related to this response.

Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

Waste Management Data

Waste Management (26 June – 13 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	15	1695
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

Wildlife

Marine mammal rehabilitators are planning to release two California Sea Lions on Saturday, August 15th. These two animals will be satellite tagged on Friday, August 14th. Also on August 14th, a Northern Elephant Seal will be released. Both releases will occur by boat off the coast of San Diego. Once this weekend's releases occur, 13 marine mammals and 2 birds will remain in care. Photos will be provided to the JIC Monday morning. Any questions or concerns can be directed to holly.gellerman@wildlife.ca.gov or (916) 324-6715.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
13 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

NOTE- Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

Public Information

Publication of significant media issues: NSTR

Logistics

- ☐ Change in status for any Incident facilities: NSTR

Personnel Involved

- 303 workers are engaged in Field Operations.
- 16 personnel are assigned to the ICP.
- 319 total personnel are assigned to the response.

1. Incident Name Refugio Incident	2. Operational Period to be covered by IAP (Date/Time) From: 12 AUG2015/06:00 To: 14OCT2015/06:00 Operations Period 22	CG IAP COVER SHEET
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3. Approved by Incident Commander(s):		
<u>ORG</u>	<u>NAME</u>	
USCG FOSC		
EPA FOSC		
SOSC		
LOSC		
RPIC		

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ☒ ICS 202-CG (Incident Objectives)
- ☒ ICS 202B-CG (Critical Information Reporting)
- ☒ ICS 207-CG (Organization Chart)
- ☒ ICS 204-CGs (Assignment Lists)
One Copy each of any ICS 204-CG attachments:
- ☒ ICS 206-CG (Medical Plan)
- ☐ ICS 208-CG (Site Safety Plan) or Note SSP Location
 - SSP is located at the Mariposa Reina ICP
- ☒ Map / Chart
- ☒ Weather Forecast / Tides/Currents



4. Prepared by: Ryan Andersen, PSC	Date/Time 11AUG2015 06:00
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INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Refugio Incident	2. Operational Period:	Date From: 8/12/2015 Date To: 10/14/2015 Time From: 06:00 Time To: 06:00			
3. Objective(s): <ol style="list-style-type: none"> 1) Ensure the safety of response personnel and the public. 2) Continue the cleanup of Division I, maximizing clean up during optimal tidal periods, in accordance with the Shoreline Treatment Recommendations to meet Phase II endpoints. 3) Protect and minimize impacts to environmental, cultural, historic and economic resources where feasible. 4) Continue to care for and monitor the disposition of previously captured, injured and oiled wildlife. 5) Continue to provide stakeholders and the community relevant information about progress of response efforts. 					
4. Operational Period Command Emphasis: <ol style="list-style-type: none"> 1) Clean to phase 2 endpoints where possible. 2) Continue to emphasize safety in all operations with an emphasis on Sections 4 and 5. 3) Maintain cultural/historical coordination for all operations and SCAT sign-offs. 4) Identify or list the segments requiring phase 3 monitoring. 5) Provide daily and weekly progress reports 					
General Situational Awareness					
5. Site Safety Plan Required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Approved Site Safety Plan(s) Located at: Mariposa Reina ICP					
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ICS 203 <input type="checkbox"/> ICS 204 <input type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input type="checkbox"/> ICS 206 </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> Map/Chart <input type="checkbox"/> Weather Forecast/Tides/Currents </td> <td style="width: 33%; vertical-align: top;"> Other Attachments: <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ </td> </tr> </table>			<input type="checkbox"/> ICS 203 <input type="checkbox"/> ICS 204 <input type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> Map/Chart <input type="checkbox"/> Weather Forecast/Tides/Currents	Other Attachments: <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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7. Prepared by: Name: Ryan Andersen Position/Title: PSC Signature: _____					
8. Approved by Incident Commander: Name: _____ Signature: _____					
ICS 202	IAP Page 02	Date/Time: Date			

1. Incident Name Refugio Incident	2. Operational Period (Date/Time) 12AUG2015 14OCT2015 From: 06:00 06:00 To:	Critical Information Requirements ICS 202B
3. Critical Information Requirements: <ol style="list-style-type: none"> 1) Work site accidents / mishaps resulting property damage or injuries to responders beyond first aid. 2) Major equipment casualties. 3) Any VIP visits or political interest and concerns. 4) Deviation of strategies or tactics from approved Incident Action Plan. 5) Severe weather condition which could impact Operations. 6) Publication of inaccurate, significant, or unfavorable media stories. 7) Reports of negative stakeholder interests. 8) Cultural/historical impacts and/or concerns. 9) Change in status for any Refugio Incident facilities. 10) Change to or need for additional road closures 		
4. Prepared by: (Planning Section Chief) R. Andersen 11AUG2015 06:00		Date/Time

ASSIGNMENT LIST (ICS 204)

[illegible]

7. Special Instructions:

Air Ops Minimization Measures

- Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowy Plover Habitat in the vicinity of Coal Oil Point.

SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
123.02 MHZ	/	VHF channel 10&16
	/	
	/	
	/	

9. Prepared by: Name: Ryan Andersen

Position/Title: PSC

Signature: _____

ICS 204

IAP Page

Date/Time: 8/11/2015 6:00 AM

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Refugio Incident		2. Operational Period: Date From: 8/12/2015 Date To: 10/14/2015 Time From: 06:00 Time To: 06:00		3. Branch: Recovery Branch Division: Group: Staging Area:																																																						
4. Operations Personnel:		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"><u>Name</u></th> <th style="width: 60%;"><u>Contact Number(s)</u></th> </tr> </thead> <tbody> <tr> <td>Operations Section Chief: Drew Engstrom</td> <td>307-251-6932</td> </tr> <tr> <td>Branch Director: S. Franks</td> <td>713-417-8525</td> </tr> <tr> <td>Division/Group Supervisor:</td> <td>XXX-XXX-XXXX</td> </tr> </tbody> </table>		<u>Name</u>	<u>Contact Number(s)</u>	Operations Section Chief: Drew Engstrom	307-251-6932	Branch Director: S. Franks	713-417-8525	Division/Group Supervisor:	XXX-XXX-XXXX																																															
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Branch Director: S. Franks	713-417-8525																																																									
Division/Group Supervisor:	XXX-XXX-XXXX																																																									
5. Resources Assigned:		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Resource Identifier</th> <th style="width: 15%;">Leader</th> <th style="width: 10%;"># of Persons</th> <th style="width: 30%;">Contact (e.g., phone, pager, radio frequency, etc.)</th> <th style="width: 25%;">Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information</th> </tr> </thead> <tbody> <tr><td>Helicopter</td><td></td><td></td><td></td><td></td></tr> <tr><td>Ice Blasting Units</td><td></td><td></td><td></td><td></td></tr> <tr><td>Response Techs</td><td></td><td></td><td></td><td></td></tr> <tr><td>Cultural Monitors</td><td></td><td></td><td></td><td></td></tr> <tr><td>Archaeologist</td><td></td><td></td><td></td><td></td></tr> <tr><td>Biologist</td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	Helicopter					Ice Blasting Units					Response Techs					Cultural Monitors					Archaeologist					Biologist																								
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information																																																						
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Archaeologist																																																										
Biologist																																																										
6. Work Assignments: <ul style="list-style-type: none"> <input type="checkbox"/> Conduct shoreline cleanup in segments per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need. <input type="checkbox"/> Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis. <input type="checkbox"/> Crews may be deployed to other areas as conditions dictate. <input type="checkbox"/> Your entire area of responsibility has been surveyed by SCAT. STR's have been established throughout your area of responsibility Conduct shoreline clean-up as directed as per SCAT Methodology. <input type="checkbox"/> SCAT is required to confirm achievement of Phase II endpoints. <input type="checkbox"/> Add 1 Biological Monitor when any cleanup operations occur in Division I SB-I-S005. <input type="checkbox"/> Dry ice blasting has been approved for all Sections <input type="checkbox"/> Overhead Barrier (Safety Cages) must be used in areas identified in the Safety Exclusion Zones Above Cleanup Endpoints document. <p>-----</p> <ul style="list-style-type: none"> <input type="checkbox"/> Night Operations will be considered by OSCif tidal conditions and weather allow for safe and effective operations. <input type="checkbox"/> OPS will not coincide with the local Grunionruns on beaches. <input type="checkbox"/> Safety will adjust and increase on-site staffingto provide additional safety measures as necessary <input type="checkbox"/> This work option will be briefed to the UC,Command, General Staff and relevant stakeholders 24 hrs in advance of operations to ensure proper safety and support is provided. <input type="checkbox"/> Areas identified in the Safey Exclusion Zones Above Cleanup Endpoints document will be avoided at night. 																																																										

7. Special Instructions:

- ☐ An Archaeologist will periodically spot check, but full time archaeological monitoring is not necessary. The following activities DO NOT require full time archaeological monitoring:
 1. Cleaning tar balls from the beach surface.
 2. Cleaning oil/tar from cobbles on the beach.
 3. Cleaning oil/tar from bedrock at the back edge of the beach.
 4. Cleaning oil/tar from rocks and bedrock that protrude from the beach
- ☐ The following conditions must be met to ensure protection of culturally sensitive areas:
 1. 01 Cultural Monitor will be assigned to each group (a group is assumed to be around 20 workers).
 2. 01 Cultural Monitor will be assigned to each Ice Blasting Unit and a rover will be available to roam between the units.
 3. 01 Cultural Monitor will be assigned to the upper area of the Carpet Trail and 01 Cultural Monitor will be assigned to the lower area of the Carpet Trail.
 4. Cultural Monitors must be present and within a reasonable distance to observe any possible disturbance of culturally sensitive areas.
 5. Splitting of work locations or groups should not be conducted unless approved by the Operations Section Chief. This will allow the Operations Section Chief the opportunity to ensure Cultural Monitors are available to observe response activities.
- ☐ ATV's not allowed in exclusion zones at El Capitan and Refugio.
- ☐ Any oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup operations should be called in to the Wildlife Hotline at 877-823-6926.

SAFETY MESSAGE

- ☐ All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio.
- ☐ PPE: Hard hats, Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways.
- ☐ PFD's must be worn if the potential for drowning exists.
- ☐ All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.
- ☐ Report All Injuries require immediate notification to Direct Supervisor.

DRY ICE BLASTING SAFETY

- ☐ Must utilize the following PPE: Tyvek Suit with Hood, appropriate gloves, steel-toed boots and ensure no skin is exposed. Ensure the operator of the gun has visual sight of the operator tending the machines or have someone in between to allow for stopping work when needed.
- ☐ Hearing protection for all personnel within 30 feet of operation.

HISTORICAL/CULTURAL GUIDELINES

- ☐ Leave cultural materials in place at the site of discovery, and mark its location.
- ☐ Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- ☐ Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.
- ☐ In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and the Logistics Section Chief.
- ☐ No work in estuary or creek habitats without biological monitor and approval from EUL.

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
123.02 MHZ	/	VHF channel 10&16
	/	
	/	
	/	

9. Prepared by: Name: Ryan Andersen Position/Title: PSC Signature: _____

ICS 204

IAP Page

Date/Time: 8/11/2015 6:00 AM

ASSIGNMENT LIST (ICS 204)

[illegible]

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9. Prepared by: Name: Ryan Andersen Position/Title: PSC Signature: _____

ICS 204

IAP Page

Date/Time: 8/11/2015 6:00 AM

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Refugio Incident		2. Operational Period: Date From: 8/12/2015 Date To: 10/14/2015 Time From: 06:00 Time To: 06:00		3. Branch: Wildlife Branch Division: Group: Staging Area:	
4. Operations Personnel:		<u>Name</u>		<u>Contact Number(s)</u>	
Operations Section Chief:		Drew Engstrom		307-251-6932	
Branch Director:		Holly Gellerman		916-747-0611	
Division/Group Supervisor:		Sarah Wilkin		530-979-7561	

5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader			
Mamal Rehab	Sea World			San Diego Facility
Bird Rehab	Intl. Bird Rescue			Local Facility

6. Work Assignments:
 Continue to rehabilitate impacted animals offsite and inform the Unified Command of progress and release of animals.

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
	/	
	/	
	/	
	/	

9. Prepared by: Name: Ryan Andersen	Position/Title: PSC	Signature: _____
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ICS 204	IAP Page	Date/Time: 8/11/2015 6:00 AM
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1. Incident Name: Refugio Incident Location: Mariposa Staging		2. Operational Period 21 From: 12AUG2015 To: 14OCT2015 06:00 06:00		MEDICAL PLAN ICS 206-CG		
3. Medical Aid Stations and contact information						
Name	Location	Contact #	Transport Availability			
PLAINS SAFETY OFFICER Randy Fordham INCIDENT HOTLINE	Mariposa Staging	(661) 332-9164 (805) 618-5769	No			
Qun Tan Garcia Chumash Fire Department EMT basic	Gaviota Coast	805-350-8819 805-832-2382	No			
Santa Barbara County Fire, water rescue, helicopter with hoist	4410 Cathedral Oaks, Santa Barbara,A	911	Yes			
Montecito and Carpentaria Fire Water Rescue Team	Santa Barbara County South	911	No			
Ventura Fire, Oxnard Fire, Ventura County Fire, water rescue, helicopter with hoist	Ventura County	911	No			
US Coast Guard, Medi-Vac. Rescue Swimmers	1001 South Seaside, San Pedro, CA90731	855-562-4900 510-437-3701	Yes			
4. Transportation						
Ambulance Service	Address	Contact #	Care Capability			
American Medical Response	240 East Hwy 246 Buellton, CA93117	805-245-3424	Paramedic/EMT team			
CALSTAR 7 (air medical transport team, no hoist)	3996 Mitchell Road Santa Monica, CA93455	805-938-9038	Advanced Practice, 2 Nurse team			
Santa Barbara CountyAir Support (air medical transport team with hoist capabilities)	906Airport Road Santa Ynez, CA93460	805-692-5723 Or 911	2 Paramedic team with Rescue Swimmer			
Santa Barbara County Fire Rescue, Helicopter, Medical, water rescue and dispatch center	4408 Cathedral Oaks Road Santa Barbra	805-692-5723 or 911	Paramedic			
US Coast Guard	101 South SeasideAve #20, San Pedro, CA 90731	855-562-4900 510-437-3701 VHF Channel 16	Rescue Swimmer/Mediva c			
5. Hospitals						
Hospital Name	Address	Contact #	Travel Time		Burn Center	Helipad
			Air	Ground		
Goleta Valley Cottage Hospital	251 South PattersonAve, Santa Barbara, CA93111	805-967-3411	N/A	20/min		No

Grossman Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes	Yes
Santa Barbara Cottage Hospital (Anti-Venom is kept at this facility)	400 West Pueblo Street Santa Barbara, CA 93105	805-682-7111	8 min	27 min	No	Yes
Saint John Pleasant Valley Hospital	2309 Antonio Ave, Camarillo, CA 93010 Hyperbaric available Monday to Friday 0800-1800	(805) 389-5944	30	1 HR		
LA County Medical Alert (available 24/7)	200 UCLA Medical Plaza Suite B Los Angeles, CA 9005	1(866)940-4401	1 hour	N/A	No	Yes
UCLA Available 0800-1700	200 UCLA Medical Plaza Suite B Los Angeles, CA 9005	310-794-9014	30 min.	1 hour	No	Yes

6. Special Medical Emergency Procedures:

1. If medical, injury or dive emergency occurs on boat, call 911 and report location geographically where the incident is located (GPS Coordinates). 911 will dispatch appropriate emergency resources to scene.
2. Non-life/limb threatening illness or injury: notify direct supervisor, follow "medical reporting procedures" and render first aid.

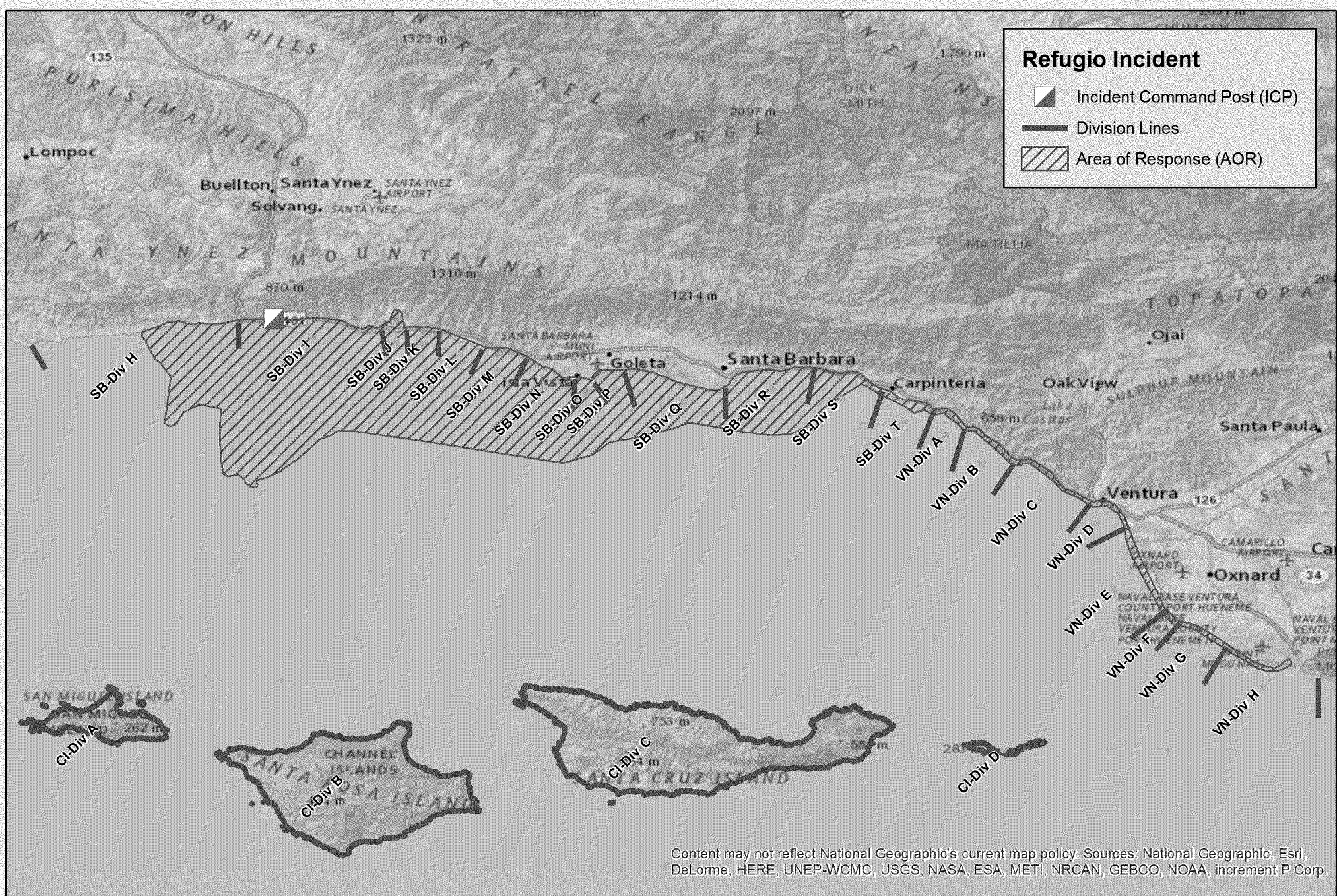
**All illnesses and injuries will be reported on Incident Reporting Line 805-618-5769.
For any situation in need of Anti-venom, Please see Santa Barbara Cottage Hospital.**

Essential reporting information for EMS provider:

1. Nature of injury
2. Location of patient and point of contact
3. Point of contact
4. Age and gender of patient

7. Prepared by: (ICP Safety Officer) Tony Puckett, SOFR	Date/Time 08/11/15	8. Reviewed by: (Safety Officer) ??	Date/Time 08/11/2015
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1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From:12Aug2015/0600 To:14OCT2015/0600		DAILY MEETING SCHEDULE ICS 230-CG	
3. Meeting Schedule (Commonly-held meetings are included)					
Date/ Time	Meeting Name	Purpose	Attendees	Location	
19Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
19Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
26Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
02SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
09SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
16SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
23SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
30SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
07OCT2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 08:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 10:00	Unified Command Objectives Meeting	Review/identify objectivesforthenext operationalperiod.	Unified Command	Mariposa ICP	
13OCT2015 09:00	Command & General Staff Meeting	IC/UC gives direction to Command & General staff including incident objectives and priorities	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 13:00	Tactics Meeting	Develop/Review primary and alternate Strategies to meet Incident Objectives for the next Operational Period.	PSC, OSC, LSC, RESL & SITL	Mariposa ICP	
13OCT2015 16:00	Planning Meeting/ IAP Approval	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	Determined by the IC/UC	Mariposa ICP	
4. Prepared by: Ryan Andersen, PSC			Date/Time: 11 AUG 2015 06:00		
DAILY MEETING SCHEDULE			ICS 230-CG (Rev.07/04)		

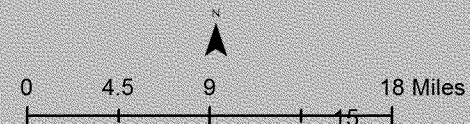


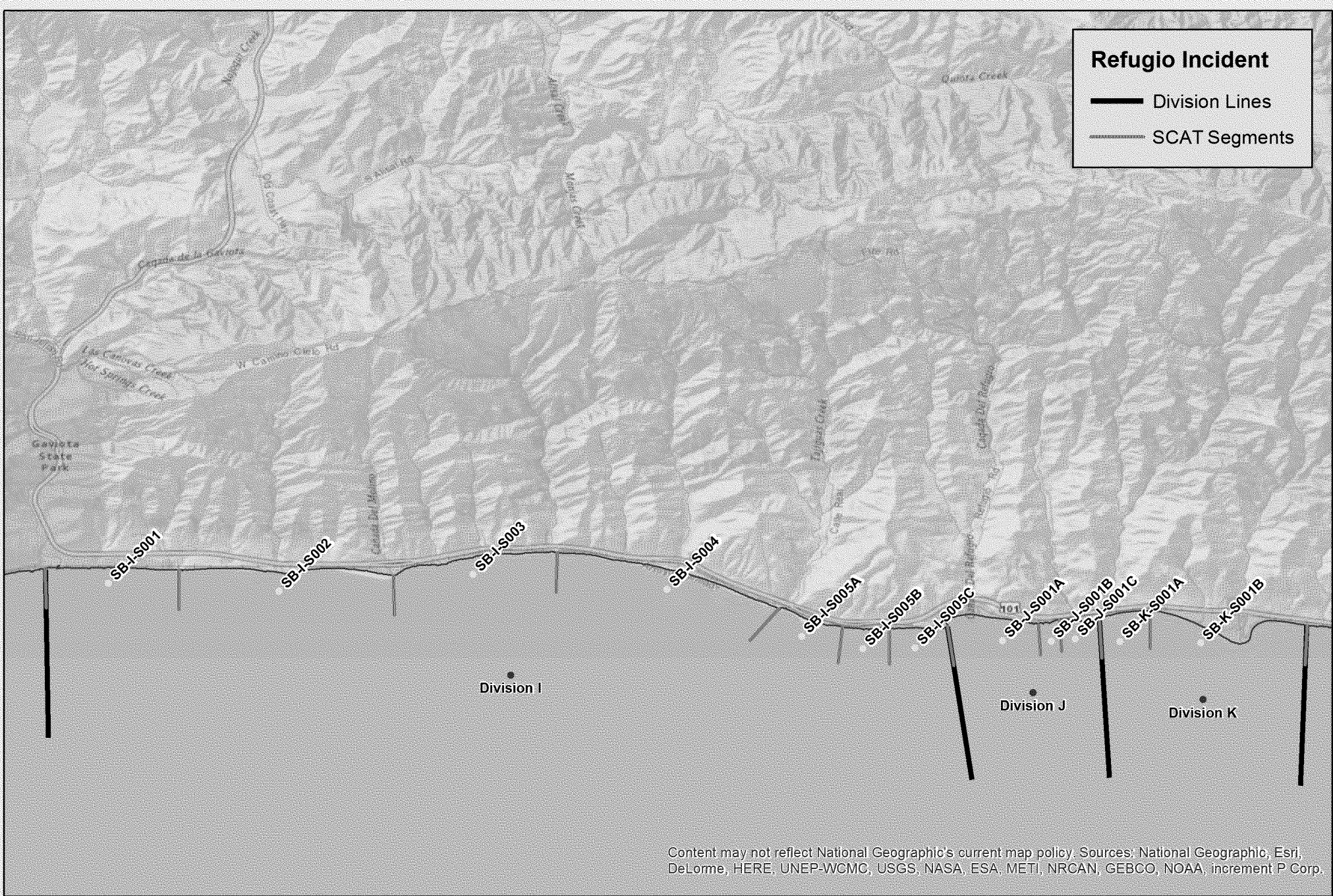
Calif. Dept. of Fish and Wildlife
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Data Source: OSPR GIS
Requestor: SCAT Coordinator
Author: G. Ewing
Date Created: 8/10/2015

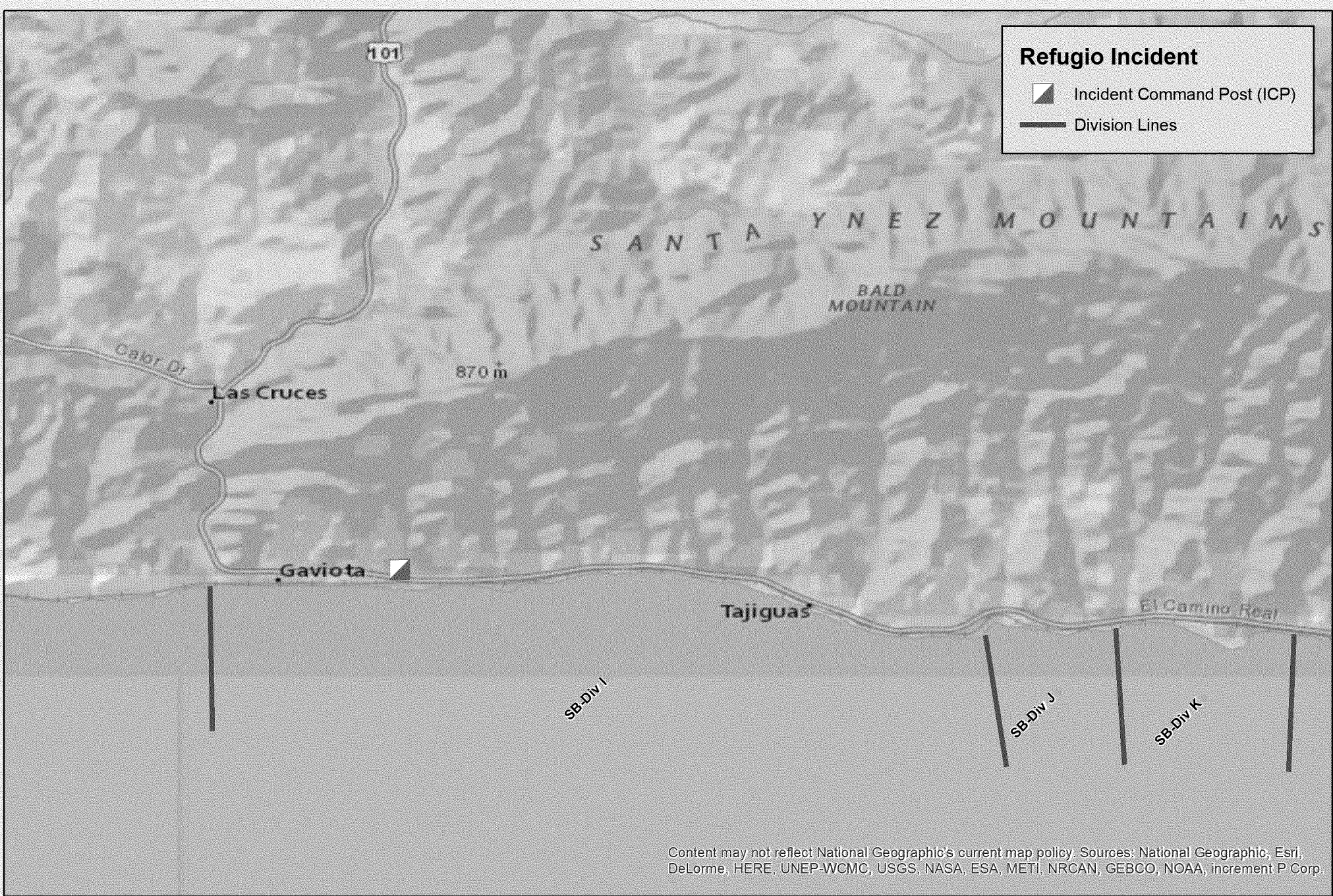
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Refugio Incident Area of Response (AOR) and Divisions





Content may not reflect National Geographic's current map policy. Sources: National Geographic, Esri, DeLorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.



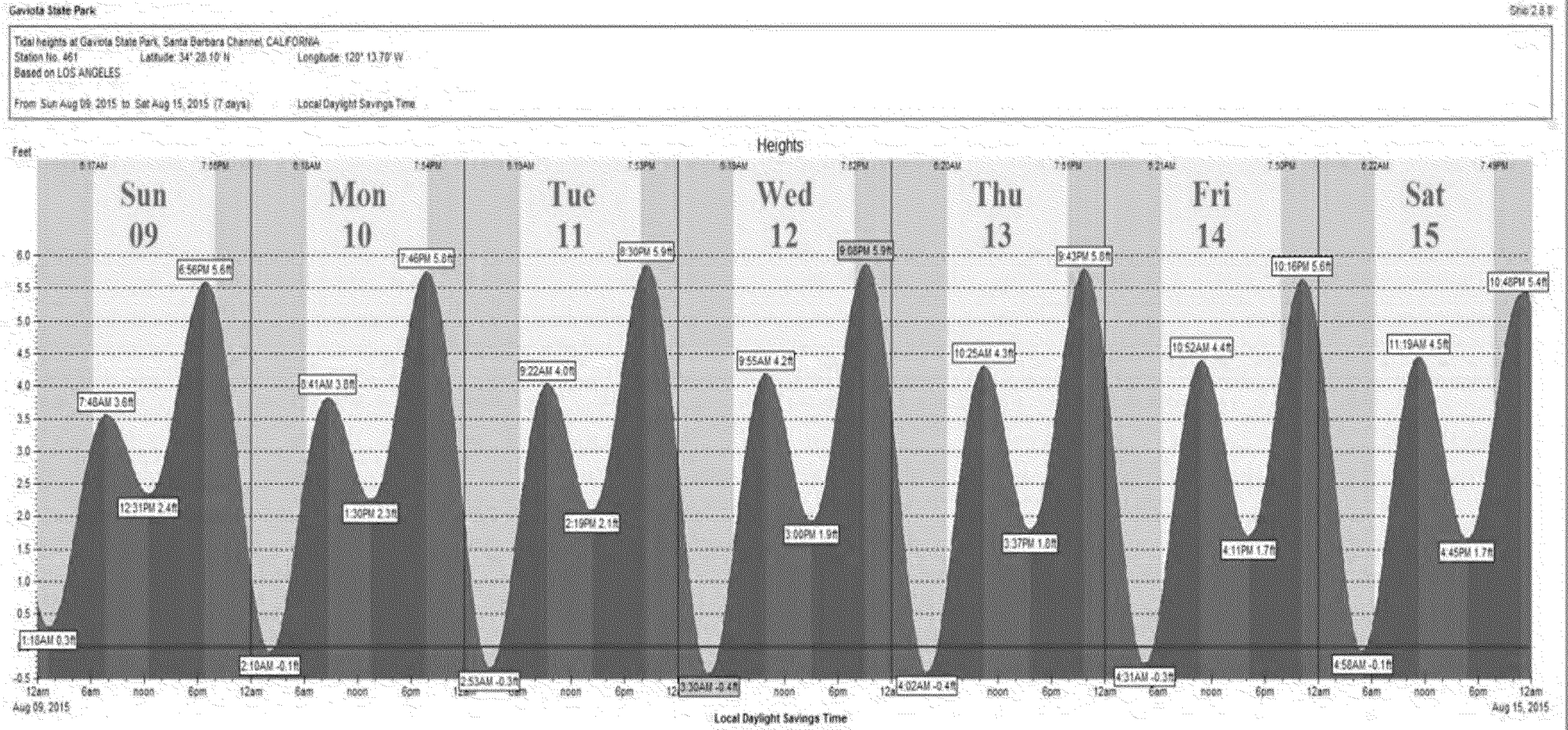
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Refugio Incident Incident Command Post (ICP) Location





Aug 16-Aug 22 | Tides

